



N THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Adityo Prakash, et al.

Serial No. 10/032,394

Filed:

December 19, 2001

Title: **ADAPTIVE TRANSFORMS**

Examiner: not yet known

Art Unit:

2613

Atty. Dkt. No.: 10006.00610

Commissioner of Patents Washington, DC 20231

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INFORMATION DISCLOSURE STATEMENT

Under 37 C.F.R. §1.56 and §§1.97-98

Sir:

Pursuant to the provisions of 37 CFR 1.56 and §§1.97-98, enclosed herewith is form PTO/SB/08 (substitute for form 1449A/PTO) listing references which may be material to the examination of this application, and with respect to which there may be a duty to disclose. The filing of this Information Disclosure Statement shall not be construed as a representation regarding the completeness of the list of references, or that inclusion of a reference in this list is an admission that it is prior art or is pertinent to this application, or that a search has been made, or as an admission that the information listed is, or may be considered to be, material to patentability, or that no other material information exists, and shall not be construed as an admission against interest in any manner.

A copy of each listed reference is enclosed herewith, unless no such copy is required pursuant to 37 CFR § 1.98(d).

This application relies, under 35 U.S.C. § 120, on the earlier filing date of prior \Box application Serial No. [SERIAL NUMBER], filed on [FILING DATE], and the references cited therein are hereby listed but are not required to be provided in this application under 37 CFR § 1.98(d).

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re Adityo Prakash, et al. U.S. Application No.: 10/032,394 Pursuant to 37 CFR §1.97, this Information Disclosure Statement is being submitted under the section indicated below.

□ no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the person signing this certification after making reasonable inquiry, was known to any individual designated under 37 CFR § 1.56 (c) more than three months prior to the filing of this Statement. OR □ Applicant submits the petition fee of \$180 as set forth in 37 CFR § 1.17(p). □ 37 CFR § 1.97(d). If so, then both: □ Applicant certifies pursuant to 37 CFR § 1.97(e) that either: □ each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more that three months prior to the filing of this Statement; OR □ no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the person signing this certification after making reasonable	\boxtimes	37 CF	R §1.97(b).
Applicant submits the petition fee of \$180 as set forth in 37 CFR § 1.17(p). 37 CFR § 1.97(d). If so, then both: Applicant certifies pursuant to 37 CFR § 1.97(e) that either: each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more that three months prior to the filing of this Statement; OR no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the person signing this certification after making reasonable inquiry, was known to any individual designated under 37 CFR § 1.56(c) more than three months prior to the filing of this Statement. AND Applicant submits the petition fee of \$180 as set forth in 37 CFR §		37 CF. □	Applicant certifies pursuant to 37 CFR § 1.97(e) that either: each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Statement; OR no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the person signing this certification after making reasonable inquiry, was known to any individual designated under 37 CFR § 1.56 (c) more than three months prior to the filing of this Statement.
Applicant certifies pursuant to 37 CFR § 1.97(e) that either: each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more that three months prior to the filing of this Statement; OR no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the person signing this certification after making reasonable inquiry, was known to any individual designated under 37 CFR § 1.56(c) more than three months prior to the filing of this Statement. AND Applicant submits the petition fee of \$180 as set forth in 37 CFR §			Applicant submits the petition fee of \$180 as set forth in 37 CFR §
AND Applicant submits the petition fee of \$180 as set forth in 37 CFR §			Applicant certifies pursuant to 37 CFR § 1.97(e) that either: each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more that three months prior to the filing of this Statement; OR no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the person signing this certification after making reasonable inquiry, was known to any individual designated under 37 CFR § 1.56(c) more than three months prior to the filing of this
			Applicant submits the petition fee of \$180 as set forth in 37 CFR §

Consideration of the listed references and favorable action are respectfully solicited.

Respectfully submitted, Adityo Prakash, et al.

Dated: August 2, 2002

Attorney For Applicant(s)

Reg. No. 40,110

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of

Complete if Known					
Application Number	10/032,394				
Filing Date	December 19, 2001				
First Named Inventor	Adityo Prakash				
Group Art Unit	2613				
Examiner Name	not yet known				
Attorney Docket Number	10006.000610				

U.S. PATENT DOCUMENTS								
Cite	Kind C		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant			
	(if knov	vn)		MM-DD-YYYY	Figures Appear			
0	5790269		Masaki, et al.	August 4, 1998				
Р	5881183		Lee	March 9, 1999				
Q	6128041		Han, et al.	October 3, 2000				
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		Cite No.¹ Number Kind C (if known) O 5790269 P 5881183	(if known) O 5790269 P 5881183	U.S. Patent Document No.¹ Kind Code² (if known) Name of Patentee or Applicant of Cited Document O 5790269 Masaki, et al. P 5881183 Lee	U.S. Patent Document Number Kind Code ² (if known) Name of Patentee or Applicant of Cited Document MM-DD-YYYY			

	FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	Foreign Patent Document Office ³ Number ⁴ Kind Code ⁵ (if known)		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ₆	
	R	wo	98/21893	A1	Philips Electronics	22 May 1998		
	S	EP	0 734166 A2	A2	Daewoo Electronics	25 Sept. 1996		
	Т	EP	0 892 364	A2	Oki Electric Industry,Co.	20 Jan. 1999		
	U	EP	1 021 043	A2	Hyundai Electornics Industries, Co.	19 July 2000		

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¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark hee if English language Translation is attached.



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Substitute f	or form 1449A/F	 οτο		Complete if Known		
WIE OF	TIO		01 001105	Application Number	10/032,394	
			CLOSURE	Filing Date	December 19, 2001	
STAT	EMENT!	BY AI	PPLICANT	First Named Inventor	Adityo Prakash	
			•	Group Art Unit	2613	
(0	use as many s	heets as	necessary)	Examiner Name	not yet known	
Sheet	2	of	2	Attorney Docket Number	10006.000610	

r	OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS		
T²	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Cite No.1	Examiner Initials *
	FARUK M.O. ERYURTLU, et al. "Very Low Bit-Rate Segmentation-based Video Coding"; pgs. 151-154, XP-000964709; University of Surrey, Guildford, United Kingdom.	V	
	YURAO FENG, et al."Adaptive Object Tracking and Video Compression with Dynamic Contours"; total pgs:.11; XP-002112425; Fifteenth National Radio Science Conference February 24-26, 1998, Helwan, Cairo, Egypt.	w	
	JONG-LAK KIM, et al.,"Daewoo Proposal For Object Scalability"; pgs. 1-9; XP-000994886; International Organization For Standardization Organization Interanationale De Normalizsation ISO/IEC JTC1/SC29/WG11 Coding Of Moving Pictures And Associated Audio; January 1993, Munich, Germany.	х	
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Date

August 2, 2002